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LOGINID:SSPTAKLK1614

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	4	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS	5	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS	6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	7	AUG 27	USPATOLD now available on STN
NEWS	8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	10	SEP 13	FORIS renamed to SOFIS
NEWS	11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	12	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS	13	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS	14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	15	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	16	OCT 19	BEILSTEIN updated with new compounds
NEWS	17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	18	NOV 19	WPIX enhanced with XML display format
NEWS	19	NOV 30	ICSD reloaded with enhancements
NEWS	20	DEC 04	LINPADOCDB now available on STN
NEWS	21	DEC 14	BEILSTEIN pricing structure to change
NEWS	22	DEC 17	USPATOLD added to additional database clusters
NEWS	23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	24	DEC 17	DGENE now includes more than 10 million sequences
NEWS	25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	27	DEC 17	CA/CAplus enhanced with new custom IPC display formats
NEWS	28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	29	JAN 02	STN pricing information for 2008 now available
NEWS	30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

```
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:28:06 ON 18 JAN 2008

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 13:28:13 ON 18 JAN 2008
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STRUCTURE FILE UPDATES:   17 JAN 2008  HIGHEST RN 1000264-70-9
DICTIONARY FILE UPDATES:  17 JAN 2008  HIGHEST RN 1000264-70-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> oxidized regenerated cellulose/cn
OXIDIZED IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> oxidized adj regenerated adj cellulose/cn
OXIDIZED IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> e oxidized regenerated cellulose/cn
E1           1     OXIDIZED RAPE OIL/CN
```

```
E2            1      OXIDIZED RAYON/CN
E3            0 --> OXIDIZED REGENERATED CELLULOSE/CN
E4            1      OXIDIZED RESIDUAL OIL (PETROLEUM)/CN
E5            1      OXIDIZED RESINS (PETROLEUM)/CN
E6            1      OXIDIZED ROSIN/CN
E7            1      OXIDIZED SELENO-COA/CN
E8            1      OXIDIZED SOYBEAN OIL/CN
E9            1      OXIDIZED SPERMINE/CN
E10           1      OXIDIZED SULFURIZED AMINOPHENOLS/CN
E11           1      OXIDIZED TALLOW/CN
E12           1      OXIDIZED TANNINS/CN

=> e
E13           1      OXIDIZED TRYPANOTHIONE/CN
E14           1      OXIDIZED VITAMIN C/CN
E15           1      OXIDIZED WAVES (PETROLEUM), METHYL ESTERS, SODIUM SALTS/CN
E16           1      OXIDIZED WAXES/CN
E17           1      OXIDIZED WAXES (PETROLEUM)/CN
E18           1      OXIDIZED WAXES (PETROLEUM), CALCIUM SALTS/CN
E19           1      OXIDIZED WAXES (PETROLEUM), METHYL ESTERS, BARIUM SALTS/CN
E20           1      OXIDIZED WAXES (PETROLEUM), METHYL ESTERS, CALCIUM SALTS/CN
E21           1      OXIDIZED WAXES (PETROLEUM), SODIUM SALTS/CN
E22           1      OXIDIZED WAXES (PETROLEUM), TRIETHANOLAMINE SALT/CN
E23           1      OXIDIZED, ISOCYANATED PARAFFIN WAXES/CN
E24           1      OXIDIZED, SULFITED HERRING OIL/CN

=> e
E25           1      OXIDIZED, SULFITED, HERRING OIL SODIUM SALTS/CN
E26           1      OXIDO COMPOUNDS, C12-14-ALKYL/CN
E27           1      OXIDO-REDUCTASE (FRANKIA ALNI STRAIN ACN14A)/CN
E28           1      OXIDO-REDUCTASE (PSEUDOMONAS STRAIN ND6 PLASMID PND6-1 GENE
                     MOCA)/CN
E29           1      OXIDO-REDUCTASE (RHODOPSEUDOMONAS PALUSTRIS CGA009 STRAIN CG
                     A009)/CN
E30           1      OXIDO-REDUCTASE, AND DEHYDRATASE; MOCA (MESORHIZOBIUM LOTI S
                     TRAIN MAFF303099 GENE MLL8386)/CN
E31           1      OXIDO/ARSENATE REDUCTASE-LIKE PROTEIN MPN266 (MYCOPLASMA PNE
                     UMONIAE STRAIN M129 GENE YGL1)/CN
E32           1      OXIDO/REDUCTASE IRON SULFUR PROTEIN (AQUIFEX AEOLICUS GENE G
                     LPC)/CN
E33           1      OXIDOAGAROCHROMONE A/CN
E34           1      OXIDOAGAROCHROMONE B/CN
E35           1      OXIDOAGAROCHROMONE C/CN
E36           1      OXIDOCORTEXOLONE 17,21-METHYLORTHOACETATE/CN

=> e oxidized cellulose/cn
E1            1      OXIDIZED CARBON BLACK/CN
E2            1      OXIDIZED CARBON FIBERS/CN
E3            0 --> OXIDIZED CELLULOSE/CN
E4            1      OXIDIZED CHARCOAL/CN
E5            1      OXIDIZED COA/CN
E6            1      OXIDIZED COA SODIUM SALT/CN
E7            1      OXIDIZED COD OIL/CN
E8            1      OXIDIZED COD-LIVER OIL/CN
E9            1      OXIDIZED COENZYME A/CN
E10           1      OXIDIZED COENZYME A HEXAPOTASSIUM SALT/CN
E11           1      OXIDIZED COENZYME A HEXASODIUM SALT/CN
E12           1      OXIDIZED CYCLO-(CYSTEINYL HISTIDYL)/CN

=> e cellulose/cn
E1            1      CELLULON/CN
```

```
E2            1      CELLULOPHAGA LYTICA/CN
E3            1 --> CELLULOSE/CN
E4            1      CELLULOSE (1-HYDROXYETHYLIDENE)DIPHOSPHONATE/CN
E5            1      CELLULOSE (2-(4-PYRIDYL)ETHYL)PHOSPHONATE SODIUM SALT/CN
E6            1      CELLULOSE (2-DIETHYLBUTYLAMMONIUM)PROPIONATE BROMIDE/CN
E7            1      CELLULOSE (2-HYDROXYPROPOXY)CARBONYLMETHYL ETHER/CN
E8            1      CELLULOSE (3,3'-(PHENYLIMINO)BIS(2-HYDROXYTRIMETHYL)) ETHER/
                     CN
E9            1      CELLULOSE (3-CHLOROPHENYL)URETHANE/CN
E10           1      CELLULOSE (3-HYDROXY-4-(2-PYRIDYLAZO)PHENOXY)-S-TRIAZINYL ET
                     HER/CN
E11           1      CELLULOSE (4-HYDROXYPHENYL)ACETATE/CN
E12           1      CELLULOSE (BACILLUS STRAIN KSM-64 PRECURSOR)/CN

=> d e3
NO L# DEFINED

=> s e3
L1            1 CELLULOSE/CN

=> d l1

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
RN   9004-34-6  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Cellulose  (CA INDEX NAME)
OTHER NAMES:
CN   α-Cel BH 600/20
CN   α-Cellulose
CN   β-Amylose
CN   3mAQUACEL
CN   402-2B
CN   Accuwipe
CN   Ahlstrom 939
CN   Alicell LV
CN   Alistaple 1168
CN   Alpha Cel BH 300
CN   Alpha Cel PB 25
CN   Alpha-Cel BH 600/20
CN   Alphafloc
CN   Alwall Plus 15
CN   Arbocel
CN   Arbocel B 00
CN   Arbocel B 600
CN   Arbocel B 600/30
CN   Arbocel B 800
CN   Arbocel B 820C
CN   Arbocel BC 1000
CN   Arbocel BC 200
CN   Arbocel BE 600
CN   Arbocel BE 600/10
CN   Arbocel BE 600/20
CN   Arbocel BE 600/30
CN   Arbocel BEM
CN   Arbocel BFC 200
CN   Arbocel BWW 40
CN   Arbocel DC 1000
CN   Arbocel FD 00
CN   Arbocel FD 600/30
CN   Arbocel FDC 200
CN   Arbocel FDY 600
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CN   Arbocel FIC 200
CN   Arbocel FT 40
CN   Arbocel FT 600
CN   Arbocel FT 600/30H
CN   Arbocel G 350
CN   Arbocel LZ 51
CN   Arbocel M 80
CN   Arbocel M 80P
CN   Arbocel P 290
CN   Arbocel TF 0406
CN   Arbocel TF 30HG
CN   Arbocel TP 40
CN   Ariacel A 150
CN   Armorib LS
CN   Avicel
CN   Avicel 101
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
DR   12656-52-9, 9012-19-5, 9037-50-7, 9076-30-6, 58968-67-5, 99331-82-5,
     67016-75-5, 67016-76-6, 51395-76-7, 61991-21-7, 61991-22-8, 68073-05-2,
     70225-79-5, 74623-16-8, 75398-83-3, 77907-70-1, 152231-69-1, 84503-75-3,
     89468-66-6, 39394-43-9, 209533-95-9
MF   Unspecified
CI   PMS, COM, MAN
PCT  Manual registration, Polyother, Polyother only
LC   STN Files:   ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CABA,
       CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB,
       DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
       MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*, TOXCENTER, TULSA, ULIDAT,
       USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:   DSL**, EINECS**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

           99630 REFERENCES IN FILE CA (1907 TO DATE)
           11950 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           99812 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> e cellulose/crn
E1           1     99999-73-2/CRN
E2           1     99999-76-5/CRN
E3           0 --> CELLULOSE/CRN
* END OF FIELD *

=> s e2 e1
L2           0 99999-76-5/CRN 99999-73-2/CRN

=> d l2
L2 HAS NO ANSWERS
L2            0 SEA FILE=REGISTRY ABB=ON  PLU=ON  99999-76-5/CRN 99999-73-2/CRN



=> e chitosan/cn
E1           1     CHITOSAMINE HYDROCHLORIDE/CN
E2           1     CHITOSAMINE, PENTABENZOYL-/CN
```

```
E3           1 --> CHITOSAN/CN
E4           1     CHITOSAN (±)-2-HYDROXYPROPANOATE (SALT)/CN
E5           1     CHITOSAN (±)-HYDROXYBUTANEDIOATE (SALT)/CN
E6           1     CHITOSAN 100/CN
E7           1     CHITOSAN 10B/CN
E8           1     CHITOSAN 2-HYDROXYCINNAMATE/CN
E9           1     CHITOSAN 2-HYDROXYPROPIONATE (SALT)/CN
E10          1     CHITOSAN 3-HYDROXYCINNAMATE/CN
E11          1     CHITOSAN 500/CN
E12          1     CHITOSAN 6-O-SULFATE/CN

=> s e3
L3           1 CHITOSAN/CN

=> d l3

L3   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
RN   9012-76-4  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Chitosan  (CA INDEX NAME)
OTHER NAMES:
CN   100D-VL
CN   Amidan
CN   BC 10
CN   BC 10 (polysaccharide)
CN   Biopolymer L 112
CN   C 3646
CN   C 60M
CN   Cerosan 5000
CN   Chicol
CN   Chirosan 100
CN   Chitan, N-acetyl-
CN   Chitech
CN   Chitin D
CN   Chitin, N-deacetyl-
CN   Chitoclear
CN   Chitoclear 400
CN   Chitoclear CG 400
CN   ChitoClear FG 95
CN   Chitoclear TM 1111
CN   Chitoclear TM 1220
CN   ChitoClear TM 1292
CN   Chitoclear TM 588
CN   Chitoclear TM 656
CN   ChitoClear TM 850-2
CN   Chitofos
CN   Chitolaze
CN   Chitolife
CN   Chitopearl 3510
CN   Chitopearl AL 10
CN   Chitopearl BC 3000
CN   Chitopearl BCW 2500
CN   Chitopearl BCW 3000
CN   Chitopearl BCW 3500
CN   Chitopearl BCW 3505
CN   Chitopearl BCW 3507
CN   Chitopearl K 20
CN   Chitophos
CN   Chitosan 100
CN   Chitosan 10B
CN   Chitosan 500
```

```
CN   Chitosan CLH
CN   Chitosan EL
CN   Chitosan F
CN   Chitosan FL
CN   Chitosan H
CN   Chitosan LL
CN   Chitosan LL 80
CN   Chitosan LLWP
CN   Chitosan M
CN   Chitosan MP
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
DR   57285-05-9, 191045-06-4
MF   Unspecified
CI   PMS, COM, MAN
PCT  Manual registration, Polyother, Polyother only
LC   STN Files:   ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA,
       CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB,
       DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSDRUGNEWS,
       IMSRESEARCH, IPA, MEDLINE, NAPRALERT, PHAR, PIRA, PROMT, RTECS*,
       SCISEARCH, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:   NDSL**, TSCA**, WHO
         (**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

           24512 REFERENCES IN FILE CA (1907 TO DATE)
            3774 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           24621 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> e chitosan/crn
E1            1     99999-73-2/CRN
E2            1     99999-76-5/CRN
E3            0 --> CHITOSAN/CRN
* END OF FIELD *

=> FIL REGISTRY

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      17.52      17.73

FILE 'REGISTRY' ENTERED AT 13:32:13 ON 18 JAN 2008
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STRUCTURE FILE UPDATES:   17 JAN 2008  HIGHEST RN 1000264-70-9
DICTIONARY FILE UPDATES:  17 JAN 2008  HIGHEST RN 1000264-70-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007
```

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> S 99999-73-2/RN

L4 1 99999-73-2/RN

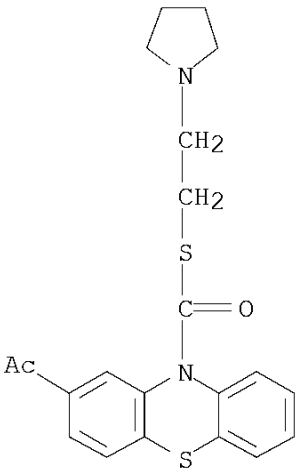
=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L4 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 6.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN **99999-73-2** REGISTRY
CN Phenothiazine-10-carbothioic acid, 2-acetyl-, S-2-(1-pyrrolidinyl)ethyl
ester (6CI, 7CI) (CA INDEX NAME)
MF C21 H22 N2 O2 S2
CI COM
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, TOXCENTER
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: PREP (Preparation)
RL.NP Roles from non-patents: NORL (No role in record)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> file caplu
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 2.92 20.65

FILE 'CAPLUS' ENTERED AT 13:33:38 ON 18 JAN 2008
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 18 Jan 2008 VOL 148 ISS 4
FILE LAST UPDATED: 17 Jan 2008 (20080117/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> d his

(FILE 'HOME' ENTERED AT 13:28:06 ON 18 JAN 2008)

FILE 'REGISTRY' ENTERED AT 13:28:13 ON 18 JAN 2008
E OXIDIZED REGENERATED CELLULOSE/CN
E OXIDIZED CELLULOSE/CN
E CELLULOSE/CN
L1 1 S E3
E CELLULOSE/CRN
L2 0 S E2 E1
E CHITOSAN/CN
L3 1 S E3
E CHITOSAN/CRN

FILE 'REGISTRY' ENTERED AT 13:32:13 ON 18 JAN 2008
L4 1 S 99999-73-2/RN
SET NOTICE 1 DISPLAY

```
                SET NOTICE LOGIN DISPLAY

     FILE 'CAPLUS' ENTERED AT 13:33:38 ON 18 JAN 2008

=> s l3 and oxidized (3A) cellulose
         24621 L3
        260819 OXIDIZED
        362912 CELLULOSE
          4438 CELLULOSES
        363419 CELLULOSE
                  (CELLULOSE OR CELLULOSES)
          1535 OXIDIZED (3A) CELLULOSE
L5          75 L3 AND OXIDIZED (3A) CELLULOSE

=> d scan ti hit

L5    75 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Process for the preparation of guanidinated polysaccharides and their use
     as absorbents
IT   9012-76-4DP, Chitosan, cross-linked substituted guanidine derivs.
     RL: BSU (Biological study, unclassified); FFD (Food or feed use); PRP
     (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP
     (Preparation); USES (Uses)
        (glyoxal cross-linked; process for preparation of guanidinated
        polysaccharides and their use as absorbents)
IT   106-89-8DP, Epichlorohydrin, reaction products with chitosan guanidine
     derivs. 9012-76-4DP, Chitosan, substituted guanidine derivs.
     9012-76-4DP, Chitosan, substituted guanidine derivs., reaction
     products with epichlorohydrin
     RL: BSU (Biological study, unclassified); FFD (Food or feed use); PRP
     (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP
     (Preparation); USES (Uses)
        (process for preparation of guanidinated polysaccharides and their use as
        absorbents)
IT   56-84-8, Aspartic acid, reactions   79-06-1, Acrylamide, reactions
     79-41-4, Methacrylic acid, reactions   88-12-0, reactions   106-89-8,
     Epichlorohydrin, reactions   107-13-1, Acrylonitrile, reactions
     107-22-2, Glyoxal   108-05-4, Vinyl acetate, reactions   108-31-6, Maleic
     anhydride, reactions   557-75-5, Vinyl alcohol, reactions   760-93-0,
     Methacrylic anhydride   1398-61-4, Chitin   2051-76-5, Acrylic anhydride
     4023-00-1, 1H-Pyrazole-1-carboxamidine   4023-02-3   9000-01-5, Arabic gum
     9000-30-0, Guar gum   9000-36-6, Karaya gum   9000-40-2, Locust bean gum
     9000-47-9, Mesquite gum   9000-69-5, Pectin   9002-18-0, Agar-agar
     9004-34-6, Cellulose, reactions   9005-25-8, Starch, reactions
     9005-32-7, Alginic acid   9005-82-7, Amylose 9012-76-4, Chitosan
     9037-22-3, Amylopectin   9062-07-1, ι-Carrageenan   9064-57-7,
     λ-Carrageenan   11114-20-8, κ-Carrageenan   11138-66-2,
     Xanthan   25952-53-8, N-Ethyl-N'-(3-dimethylaminopropyl)carbodiimide
     hydrochloride   37220-17-0, Konjac gum   39300-88-4, Tara gum
     73613-05-5, Fenugreek gum
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (process for preparation of guanidinated polysaccharides and their use as
        absorbents)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L5    75 ANSWERS   CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Wound dressing compositions comprising chitosan and oxidized regenerated
     cellulose and use for chronic wound treatment
TI   Wound dressing compositions comprising chitosan and oxidized regenerated
     cellulose and use for chronic wound treatment
```

ST wound dressing chitosan **oxidized** regenerated **cellulose** healing

IT Proteins
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cell growth factor, wound dressing composition comprising; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Skin, disease
(decubitus ulcer; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Ulcer
(decubitus; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Medical goods
(dressings; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Powders
(**oxidized cellulose** in form of; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Fibers
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(**oxidized cellulose** in form of; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Medical goods
(sponges, freeze-dried or solvent-dried; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Containers
(sterile, microorganism-impermeable, wound dressing packed in; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Drug delivery systems
(topical; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Diabetes mellitus
Vein, disease
(ulcer; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Ulcer
(venous, diabetic; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Platelet-derived growth factors
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(wound dressing composition comprising; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Films
(wound dressing composition in form of flexible; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT Antiulcer agents
Wound healing
(wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT 9004-34-6, **Cellulose.**, biological studies

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(**oxidized** regenerated; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT **9012-76-4**, Chitosan
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

IT 9001-12-1, Collagenase 9004-06-2, Elastase
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(wound dressing inhibiting; wound dressing compns. comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic wound treatment)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> d l5 1-10 ibib ti

L5 ANSWER 1 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1421975 CAPLUS
DOCUMENT NUMBER: 148:62016
TITLE: Compositions and methods for preventing or reducing postoperative ileus and gastric stasis in mammals comprising Tranilast or Pemirolast or analogs and derivatives thereof
INVENTOR(S): Herzberg, Uri; Wadsworth, Scott; Cooper, Kevin
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 17pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007286892	A1	20071213	US 2007-761726	20070612
US 2007287741	A1	20071213	US 2007-761707	20070612
WO 2007146920	A2	20071221	WO 2007-US70969	20070612

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2006-813250P P 20060613
TI Compositions and methods for preventing or reducing postoperative ileus and gastric stasis in mammals comprising Tranilast or Pemirolast or analogs and derivatives thereof

L5 ANSWER 2 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1278765 CAPLUS
DOCUMENT NUMBER: 147:528285
TITLE: Compositions comprising a cation exchanger and a ferrate for wound treatment

INVENTOR(S): Hen, John; Thompson, John Alfred; Keene, Talmadge Kelly
PATENT ASSIGNEE(S): Biolife, L.L.C., USA
SOURCE: PCT Int. Appl., 41pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007127390	A2	20071108	WO 2007-US10278	20070427
WO 2007127390	A3	20071227		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

US 2007269499	A1	20071122	US 2007-796936	20070430

PRIORITY APPLN. INFO.: US 2006-796279P P 20060428
TI Compositions comprising a cation exchanger and a ferrate for wound treatment

L5 ANSWER 3 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1146314 CAPLUS
DOCUMENT NUMBER: 147:433612
TITLE: Anti-allergy compositions
INVENTOR(S): Shoseyov, Oded
PATENT ASSIGNEE(S): Yissum Research Development Company of the Hebrew University of Jerusalem, Israel
SOURCE: PCT Int. Appl., 57pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007113835	A1	20071011	WO 2007-IL450	20070410

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2006-789129P P 20060405

TI Anti-allergy compositions
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1089723 CAPLUS
DOCUMENT NUMBER: 147:372001
TITLE: Fibrin microthreads for tissue repair
INVENTOR(S): Cornwell, Kevin G.; Pins, George D.; Billiar, Kristen
PATENT ASSIGNEE(S): Worcester Polytechnic Institute, USA
SOURCE: PCT Int. Appl., 57pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007109137	A1	20070927	WO 2007-US6637	20070315

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2006-783949P P 20060320
TI Fibrin microthreads for tissue repair
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:672479 CAPLUS
DOCUMENT NUMBER: 147:102149
TITLE: Compositions for preventing or reducing postoperative ileus and gastric stasis comprising a cyclooxygenase inhibitor
INVENTOR(S): Herzberg, Uri; Yuan, Jle Jenny
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 11pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007141156	A1	20070621	US 2005-319909	20051221
WO 2007076415	A2	20070705	WO 2006-US62433	20061220
WO 2007076415	A3	20071227		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,

MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2005-319909 A 20051221

TI Compositions for preventing or reducing postoperative ileus and gastric stasis comprising a cyclooxygenase inhibitor

L5 ANSWER 6 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:647268 CAPLUS
DOCUMENT NUMBER: 147:39306
TITLE: Devices and methods for the delivery of blood clotting materials to bleeding wounds
INVENTOR(S): Huey, Raymond J.; Horn, Jeffrey L.; Lo, Denny
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 12pp., Cont.-in-part of U.S. Ser. No. 54,918.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007134293	A1	20070614	US 2006-634673	20061205
US 2006178609	A1	20060810	US 2005-54918	20050209

PRIORITY APPLN. INFO.: US 2005-54918 A2 20050209

TI Devices and methods for the delivery of blood clotting materials to bleeding wounds

L5 ANSWER 7 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:383156 CAPLUS
DOCUMENT NUMBER: 146:408391
TITLE: Electrostatically self-assembled layered films of antigens and polyelectrolytes for use in vaccines
INVENTOR(S): Haynie, Donald T.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 52pp., Cont.-in-part of U.S. Ser. No. 652,364.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007077276	A1	20070405	US 2006-586330	20061025
US 2005069950	A1	20050331	US 2003-652364	20030829
AU 2004325199	A1	20060601	AU 2004-325199	20041122
CA 2587643	A1	20060601	CA 2004-2587643	20041122
EP 1815009	A2	20070808	EP 2004-821431	20041122
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LT, LV, MK, YU				
WO 2007050569	A2	20070503	WO 2006-US41401	20061025

WO 2007050569 A3 20070628
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
WO 2007050702 A2 20070503 WO 2006-US41666 20061025
WO 2007050702 A3 20070816
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
IN 2007DN03744 A 20070824 IN 2007-DN3744 20070518
PRIORITY APPLN. INFO.: US 2003-652364 A2 20030829
US 2005-729828P P 20051025
WO 2004-US39209 A 20041122
TI Electrostatically self-assembled layered films of antigens and polyelectrolytes for use in vaccines

L5 ANSWER 8 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:379407 CAPLUS
DOCUMENT NUMBER: 146:395303
TITLE: Use of polyanhydroglucuronic acid in compositions with antilipemics and in medicaments for treatment of inflammation and for maintaining blood glucose concentrations in a physiological range
INVENTOR(S): Briestensky, Jiri; Santar, Ivan; Semecky, Vladimir; Nachtigal, Petr; Richardson, Anthony; Real, Keith
PATENT ASSIGNEE(S): Alltracel Development Services Limited, Ire.
SOURCE: PCT Int. Appl., 77pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007036920	A2	20070405	WO 2006-IE104	20060928

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2005-721073P P 20050928

TI Use of polyanhydroglucuronic acid in compositions with antilipemics and in medicaments for treatment of inflammation and for maintaining blood glucose concentrations in a physiological range

L5 ANSWER 9 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:151047 CAPLUS
DOCUMENT NUMBER: 146:190687
TITLE: Implantable materials
INVENTOR(S): Tayot, Jean Louis
PATENT ASSIGNEE(S): Fr.
SOURCE: U.S. Pat. Appl. Publ., 13pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007031474	A1	20070208	US 2006-499723	20060807
FR 2889449	A1	20070209	FR 2005-8392	20050805
WO 2007017580	A2	20070215	WO 2006-FR1880	20060802
WO 2007017580	A3	20070614		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: FR 2005-8392 A 20050805
US 2006-774607P P 20060221

TI Implantable materials

L5 ANSWER 10 OF 75 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:110873 CAPLUS
DOCUMENT NUMBER: 146:212483
TITLE: Drug release and antimicrobial studies on chitosan-coated cotton yarns
AUTHOR(S): Shanmugasundaram, O. L.; Dev, V. R. Giri; Neelakandan, R.; Madhusoothanan, M.; Rajkumar, G. Suseela
CORPORATE SOURCE: Department of Textile Technology, A C College of Technology, Anna University, Chennai, 600 025, India
SOURCE: Indian Journal of Fibre & Textile Research (2006), 31(4), 543-547
CODEN: IJFRET; ISSN: 0971-0426
PUBLISHER: National Institute of Science Communication and Information Resources
DOCUMENT TYPE: Journal

LANGUAGE: English
TI Drug release and antimicrobial studies on chitosan-coated cotton yarns
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l5 and wound
62310 WOUND
10486 WOUNDS
65542 WOUND
(WOUND OR WOUNDS)
L6 26 L5 AND WOUND

=> d l6 1-26 ibib ab

L6 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1278765 CAPLUS
DOCUMENT NUMBER: 147:528285
TITLE: Compositions comprising a cation exchanger and a ferrate for **wound** treatment
INVENTOR(S): Hen, John; Thompson, John Alfred; Keene, Talmadge Kelly
PATENT ASSIGNEE(S): Biolife, L.L.C., USA
SOURCE: PCT Int. Appl., 41pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007127390	A2	20071108	WO 2007-US10278	20070427
WO 2007127390	A3	20071227		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
US 2007269499	A1	20071122	US 2007-796936	20070430

PRIORITY APPLN. INFO.: US 2006-796279P P 20060428

AB The subject invention pertains to methods and compns. for **wound** treatment providing (i) promotion and acceleration of **wound** healing, (ii) inhibition of microbial infection, (iii) a protective scab-like covering on a **wound**, and/or (iv) arresting the flow of blood or body fluids from an open **wound**. The methods and compns. can be used to increase granulation and epithelialization in a **wound**. In one embodiment, a substantially anhydrous compound of a salt ferrate and a cation exchange material is provided. Compns. of the invention can also include silver compds. In use, compns. of the invention are preferably applied as a dry dressing to an exuding chronic **wound** site. If the chronic **wound** site is dry, the **wound** site may be wetted with a suitable liquid or aqueous media prior to applying the dressing in dry form. Thus, a composition comprising 7 parts of the hydrogen form of a 2% crosslinked

polystyrenesulfonic acid resin and one part of potassium ferrate was tested for its in vitro activity against Staphylococcus aureus, Pseudomonas aeruginosa, Escherichia coli, Candida albicans, and methicillin-resistant S. aureus. All bacterial species and C. albicans, a yeast, exhibited a 5.5 log reduction or greater within 1 h of exposure to the test composition The log reduction for the bacteria and yeast represented the lower limit of detection in the test design as the initial challenge of each species was 105 cfu.

L6 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:647268 CAPLUS
DOCUMENT NUMBER: 147:39306
TITLE: Devices and methods for the delivery of blood clotting materials to bleeding **wounds**
INVENTOR(S): Huey, Raymond J.; Horn, Jeffrey L.; Lo, Denny
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 12pp., Cont.-in-part of U.S. Ser. No. 54,918.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007134293	A1	20070614	US 2006-634673	20061205
US 2006178609	A1	20060810	US 2005-54918	20050209
PRIORITY APPLN. INFO.:			US 2005-54918	A2 20050209

AB This invention relates to an apparatus for promoting the clotting of blood comprises a receptacle, at least a portion of which is defined by a mesh having openings therein, and particles of clay retained in the receptacle. In similar apparatuses, bioactive glass or chitosan is retained in the receptacle. An apparatus also comprises a receptacle defined by a mesh having openings therein, and first and second blood clotting materials enclosed in the mesh. In a method of dressing a bleeding **wound**, a first blood clotting material in particle form is provided and retained in a mesh structure, and a second blood clotting material is provided and incorporated into a material of the mesh structure. The mesh structure is placed on a bleeding **wound** such that the second blood clotting material contacts wounded tissue of the bleeding **wound**.

L6 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:151047 CAPLUS
DOCUMENT NUMBER: 146:190687
TITLE: Implantable materials
INVENTOR(S): Tayot, Jean Louis
PATENT ASSIGNEE(S): Fr.
SOURCE: U.S. Pat. Appl. Publ., 13pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007031474	A1	20070208	US 2006-499723	20060807
FR 2889449	A1	20070209	FR 2005-8392	20050805
WO 2007017580	A2	20070215	WO 2006-FR1880	20060802
WO 2007017580	A3	20070614		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: FR 2005-8392 A 20050805
US 2006-774607P P 20060221

AB An implantable preparation comprises a material which can be obtained from globin that has been modified, especially chemical, to be, at least partially, soluble at physiol. pH, the material being biocompatible, and biodegradable in the organism. The material may be soluble at physiol. pH, or insol. at that pH. The preparation may be in the form of a solution, suspension, paste, gel, film, sponge, powder or granules, or a solid implant. Application in particular to the healing, protection or filling of external skin **wounds**, the filling of wrinkles and skin flaws, the filling of tissue, as means for fixing prostheses or biomaterials, or means for preventing adhesion.

L6 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:110873 CAPLUS
DOCUMENT NUMBER: 146:212483
TITLE: Drug release and antimicrobial studies on chitosan-coated cotton yarns
AUTHOR(S): Shanmugasundaram, O. L.; Dev, V. R. Giri; Neelakandan, R.; Madhusoothanan, M.; Rajkumar, G. Suseela
CORPORATE SOURCE: Department of Textile Technology, A C College of Technology, Anna University, Chennai, 600 025, India
SOURCE: Indian Journal of Fibre & Textile Research (2006), 31(4), 543-547
CODEN: IJFRET; ISSN: 0971-0426
PUBLISHER: National Institute of Science Communication and Information Resources
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Cotton yarns coated with chitosan have been prepared by the oxidation of cotton yarns with sodium periodate at 60° in water and subsequent treatment with a solution of chitosan in aqueous acetic acid. IR spectra of the chitosan-coated cotton yarn show the formation of Schiff's base between the chitosan and the **oxidized cellulose**. The chitosan-coated yarns have been further immobilized with tetracycline drug and the effect of drug concentration and treatment time on drug release characteristics and antimicrobial activity studied. The study shows good drug release characteristics and antimicrobial activity against E. coli and S. aureus.

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:269835 CAPLUS
DOCUMENT NUMBER: 144:313914
TITLE: Process for the preparation of guanidinated polysaccharides and their use as absorbents
INVENTOR(S): Berrada, Mohammed

PATENT ASSIGNEE(S): Le Groupe Lysac Inc., Can.
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006029519	A1	20060323	WO 2005-CA1399	20050914
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
CA 2481491	A1	20060314	CA 2004-2481491	20040914
CA 2519417	A1	20060314	CA 2005-2519417	20050914
EP 1797020	A1	20070620	EP 2005-785025	20050914
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				

PRIORITY APPLN. INFO.: CA 2004-2481491 A 20040914
WO 2005-CA1399 W 20050914

AB The present invention relates to cationic, gel forming, guanidinated polysaccharides I, wherein Z1-Z3 are independently selected from the group of hydrogen, C1-C10 alkyl, substituted C1-C10 alkyl, C5-C7 cycloalkyl, and benzyl; and m is an integer ranging from 1 to 2,000,000 and their use as absorbent materials. The guanidinated polysaccharides of have absorbent properties suitable for use in personal care products (claimed with no data). Use of the absorbent guanidinated polysaccharide is claimed as an absorbent material in products selected from the group consisting of diapers, incontinence products, airlaids, feminine hygiene products, absorbent dressings, sealing materials, anti-condensation coatings, fire-fighting gels, water-storing materials, absorbent paper products, surgical absorbents, pet litter, bandages, **wound** dressings, surgical drapes, artificial snow, chemical absorbents, and food pads. The anionic polysaccharides are selected from the group consisting of carboxy-alkyl polysaccharides, CM-**cellulose**, carboxymethyl starch, **oxidized** polysaccharides, xanthan, carrageenans, and pectin. The cationic polysaccharides are selected from the group consisting of cationic starch, chitosan salts, cationic galactomannan and cationic cellulose. The synthetically aminated polysaccharides are obtained by amination of a polysaccharide selected from the group consisting of cellulose, starch, amylopectin, amylose, chitosan, chitin, guar gum, locust bean gum, tara gum, konjac gum, fenugreek gum, mesquite gum, aloe mannan, pectin, arabic gum, karaya gum, xanthan, κ-carrageenan, ι-carrageenan, λ-carrageenan, agar-agar, and alginates. The synthetic super-absorbent polymers are obtained by the polymerization of monomers selected from the group consisting of acrylic acid acrylate salts, acrylic ester, acrylic anhydride, methacrylic acid methacrylate salts, methacrylic esters, methacrylic anhydride, maleic anhydride, maleic salts, maleate esters, acrylamide, acrylonitrile, vinyl alc., vinylpyrrolidone, vinyl acetate, vinylguanidine, aspartic acid aspartic salt. Thus, guanidinated

chitosan was prepared in 95% yield by coupling reaction of chitosan with N-ethyl-N'-(3-dimethylaminopropyl)carbodiimide hydrochloride and claimed to be used as absorbent material (no absorption data). Acrylic anhydride </NUM:9>, methacrylic acid methacrylate salt !!! s, methacrylic esters, methacrylic anhydride, maleic anhydride, maleic salts, maleate esters, acrylamide, acrylonitrile, vinyl alc., vinylpyrrolidone, vinyl acetate, vinylguanidine, aspartic acid aspartic salt.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:261936 CAPLUS
DOCUMENT NUMBER: 144:318684
TITLE: **Wound** treatment system comprising an **oxidized cellulose** dressing
INVENTOR(S): Cullen, Breda Mary
PATENT ASSIGNEE(S): Ethicon Inc., USA
SOURCE: Brit. UK Pat. Appl., 25 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2418145	A	20060322	GB 2004-20774	20040917
WO 2006030232	A2	20060323	WO 2005-GB3585	20050916
WO 2006030232	A3	20060504		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: GB 2004-20774 A 20040917

AB A **wound** treatment system is provided comprising (i) a **wound** dressing comprising an **oxidized cellulose**, and (ii) a **wound** fluid anal. apparatus for measuring the concentration of at least one marker of chronic **wound** healing potential in a **wound** fluid, wherein said marker is selected from the group consisting of endogenous protease enzymes and endogenous protease enzyme inhibitors. Suitably the protease enzyme is neutrophil elastase and the protease enzyme inhibitor is α1-antitrypsin. The apparatus for measuring the concentration of the marker may be a dip stick, test strip, or a swab. The **oxidized cellulose** may be **oxidized** regenerated **cellulose** (ORC) and may be combined with chitosan or collagen in the form of a woven or nonwoven fabric or a sponge.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1329735 CAPLUS
DOCUMENT NUMBER: 144:57575
TITLE: Soluble strip for oral or topical administration
INVENTOR(S): Duggan, Alex; Baratoux, Jean-Loic

PATENT ASSIGNEE(S): Passion for Life Healthcare Limited, UK
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005120455	A1	20051222	WO 2005-GB2330	20050613
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1758554	A1	20070307	EP 2005-755593	20050613
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 2007218114	A1	20070920	US 2007-570493	20070221

PRIORITY APPLN. INFO.:

GB 2004-13138	A	20040612
GB 2005-6018	A	20050323
WO 2005-GB2330	W	20050613

AB A soluble composition comprises at least one active ingredient distributed within a soluble base material, wherein the active ingredient has: at least an activity which minimizes the effects of snoring and/or sleep apnea and /or in blocking adhesion of harmful bacteria to host tissues to minimize the effects of conditions of the throat or throat disorders.and/or for oral care and. The composition is provided as a strip for oral administration of the active ingredient to a site on the mucus membranes of the throat of a human or animal subject; or at least an activity in open skin or **wound** repair or healing and/or in blocking adhesion of harmful bacteria to host tissues and the composition is provided as a strip for topical administration of the active ingredient to an open skin condition or **wound** in a human or animal subject; and methods for the manufacture thereof and the use thereof in alleviating such conditions.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1293537 CAPLUS
DOCUMENT NUMBER: 144:27630
TITLE: **Oxidized** regenerated **cellulose** and a NSAID composition for treating post-surgical pain
INVENTOR(S): Herzberg, Uri; Rousseau, Robert A.; Yuan, J. Jenny; Looney, Dwayne; Tan, Hock S.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 15 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005272697	A1	20051208	US 2004-861632	20040604
WO 2005120436	A2	20051222	WO 2005-US18694	20050526
WO 2005120436	A3	20060209		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-861632 A 20040604

AB A composition for reducing pain at a surgical **wound** site or trauma site comprising **oxidized** regenerated **cellulose** and a non-steroidal anti-inflammatory drug or pharmaceutically acceptable salt or ester thereof, where the nonsteroidal anti-inflammatory drug is an acid having a secondary amine group; and a method of reducing localized pain at a surgical **wound** site or trauma site. Coblended powders of **oxidized** regenerated **cellulose** and diclofenac Na were prepared

L6 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:472009 CAPLUS
DOCUMENT NUMBER: 143:13454
TITLE: Antioxidant and antimicrobial **wound** dressing materials
INVENTOR(S): Addison, Deborah; Greenhalgh, David; Cullen, Breda Mary
PATENT ASSIGNEE(S): Ethicon, Inc., USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005049101	A1	20050602	WO 2004-GB4838	20041117

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

GB 2408206	A	20050525	GB 2003-26844	20031118
GB 2408206	B	20071128		
EP 1684813	A1	20060802	EP 2004-798557	20041117

R: DE, ES, FR, GB, IT

JP 2007511313	T	20070510	JP 2006-540582	20041117
US 2007100269	A1	20070503	US 2006-579850	20060517

PRIORITY APPLN. INFO.: GB 2003-26844 A 20031118
WO 2004-GB4838 W 20041117

AB A **wound** dressing material comprising a polymeric substrate, a silver salt, and a dyestuff to photostabilize the silver salt. The substrate may comprise collagen and/or **oxidized** regenerated **cellulose** complexed to Ag+, and the dyestuff may be an aniline or acridine dye. Also provided are methods of making such materials, and **wound** dressings comprising such materials. An antioxidant and antimicrobial **wound** dressing material based on a collagen/ORC freeze-dried sponge material is prepared Methylene blue, an acidic dye, was incorporated by dissolving an appropriate amount of the dye in 0.05M acetic acid and adding to the collagen paste with the milled ORC powder to obtain a slurry. Silver is incorporated by dissolving silver acetate in 0.05M acetic acid and adding the solution to the slurry to achieve a final solids concentration in the slurry of 1%.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:1154593 CAPLUS
DOCUMENT NUMBER: 142:80021
TITLE: Antioxidant **wound** dressing materials
INVENTOR(S): Cullen, Breda Mary; Addison, Deborah; Greenhalgh, David
PATENT ASSIGNEE(S): Johnson & Johnson Medical Limited, UK
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004112850	A1	20041229	WO 2004-GB2636	20040621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
GB 2402882	A	20041222	GB 2003-14454	20030620
GB 2402882	B	20070328		
GB 2408206	A	20050525	GB 2003-26844	20031118
GB 2408206	B	20071128		
AU 2004248971	A1	20041229	AU 2004-248971	20040621
CA 2529413	A1	20041229	CA 2004-2529413	20040621
EP 1641499	A1	20060405	EP 2004-742989	20040621
R: DE, ES, FR, GB, IT, NL				
CN 1838970	A	20060927	CN 2004-80023815	20040621
JP 2007515979	T	20070621	JP 2006-516448	20040621
US 2006159732	A1	20060720	US 2005-560544	20051214
IN 2006KN00003	A	20070622	IN 2006-KN3	20060102

PRIORITY APPLN. INFO.: GB 2003-14454 A 20030620

	US 2003-491991P	P	20030804
	GB 2003-26844	A	20031118
	WO 2004-GB2636	W	20040621

AB A **wound** dressing material comprising a solid bioabsorbable substrate dyed with an antioxidant dyestuff. The substrate may comprise collagen, chitosan or **oxidized** regenerated **cellulose**, and the dyestuff may for example be an aniline or acridine dye. The material preferably also comprises a silver salt, whereby the dyestuff stabilizes the silver salt. Also provided are methods of making such materials, and **wound** dressings comprising such materials. The dye materials showed higher activity in the DPPH test.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1121859 CAPLUS
DOCUMENT NUMBER: 142:62794
TITLE: Bioabsorbable **wound** dressing containing an antioxidant dye
INVENTOR(S): Cullen, Breda Mary; Addison, Deborah; Greenhalgh, David
PATENT ASSIGNEE(S): Johnson & Johnson Medical Limited, UK
SOURCE: Brit. UK Pat. Appl., 19 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2402882	A	20041222	GB 2003-14454	20030620
GB 2402882	B	20070328		
AU 2004248971	A1	20041229	AU 2004-248971	20040621
CA 2529413	A1	20041229	CA 2004-2529413	20040621
WO 2004112850	A1	20041229	WO 2004-GB2636	20040621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1641499	A1	20060405	EP 2004-742989	20040621
R: DE, ES, FR, GB, IT, NL				
CN 1838970	A	20060927	CN 2004-80023815	20040621
JP 2007515979	T	20070621	JP 2006-516448	20040621
US 2006159732	A1	20060720	US 2005-560544	20051214
IN 2006KN00003	A	20070622	IN 2006-KN3	20060102

PRIORITY APPLN. INFO.:	GB 2003-14454	A	20030620
	US 2003-491991P	P	20030804
	GB 2003-26844	A	20031118
	WO 2004-GB2636	W	20040621

AB A **wound** dressing material comprises a solid bioabsorbable substrate dyed with an antioxidant dyestuff. The substrate may comprise collagen, **oxidized** regenerated **cellulose**, alginates, chitosans, galactomannans,

glycosaminoglycans and mixts. thereof. The dyestuff may be selected from a group consisting of aniline dyes, acridine dyes, thionine dyes, bis-naphthalene dyes, thiazine dyes, azo dyes, anthraquinones and mixts. thereof. The dressing may be for the treatment of ulcers, especially, venous ulcer, or diabetic ulcer. The material for the **wound** dressing may have a free radical activity in the diphenylpicrylhydrazyl test for antioxidant activity of at least 15%. Also provided is a method of making such materials and **wound** dressing comprising such materials.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1121857 CAPLUS
DOCUMENT NUMBER: 142:62793
TITLE: Antimicrobial silver complexes for **wound** dressings
INVENTOR(S): Jampani, Hanuman; Mitscher, Lester; Pillai, Seagran; Trotter, Patrick John
PATENT ASSIGNEE(S): Johnson & Johnson Medical Limited, UK
SOURCE: Brit. UK Pat. Appl., 24 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2402880	A	20041222	GB 2003-14453	20030620
WO 2004112805	A1	20041229	WO 2004-GB2631	20040621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1635850	A1	20060322	EP 2004-742985	20040621
R: DE, ES, FR, GB, IT				

PRIORITY APPLN. INFO.:			
GB 2003-14453	A	20030620
US 2003-491990P	P	20030804
WO 2004-GB2631	W	20040621

AB An antimicrobial composition comprising silver and at least one compound which is an inhibitor of microbial silver resistance. Inhibitor compds. include fusaric acid, tocopherol, resveratrol, and myristic acid. Also provided are **wound** dressings comprising the inventive compns. Other exemplified inhibitors include green tea, curcumin and ellagic acid. Curcumin was shown to have antimicrobial effects and had synergistic effects with silver.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1035020 CAPLUS
DOCUMENT NUMBER: 142:11645
TITLE: Biodegradable hemostatic **wound** dressings containing

hemostatic fabrics and oxidized polysaccharides
INVENTOR(S): Pendharkar, Sanyog; Guo, Jian Xin
PATENT ASSIGNEE(S): Ethicon, Inc., USA
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1481694	A1	20041201	EP 2004-253207	20040528
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
US 2004241212	A1	20041202	US 2003-448878	20030530
JP 2005046601	A	20050224	JP 2004-159818	20040528
PRIORITY APPLN. INFO.:			US 2003-448878 A	20030530

AB The present invention is directed to a hemostatic **wound** dressing that utilizes a fibrous, fabric substrate made from a biocompatible polymer and containing a first **wound**-contacting surface and a second surface opposing the first surface, the fabric having flexibility, strength and porosity effective for use as a hemostat; and further having a porous, polymeric matrix distributed at least on the first surface and through the fabric, the porous, polymeric matrix being made of a biodegradable biocompatible, water-soluble or water-swellable aldehyde-oxidized polysaccharide. For example, a hemostatic patch was made by soaking a piece of Surgicel Nu-Knit into water solution of hydroxyethyl **cellulose oxidized** by periodic acid.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:794550 CAPLUS
DOCUMENT NUMBER: 141:282891
TITLE: Hemostatic **wound** dressings and methods of making same
INVENTOR(S): Looney, Dwayne Lee; Crilley, John; Guo, Jian Xin; Zhang, Guanghui; Pendharkar, Sanyog Manohar
PATENT ASSIGNEE(S): Ethicon, Inc., USA
SOURCE: Eur. Pat. Appl., 50 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1462123	A1	20040929	EP 2003-254107	20030627
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2004193088	A1	20040930	US 2003-396224	20030325
US 7019191	B2	20060328		
AU 2003204947	A1	20041014	AU 2003-204947	20030625
CA 2433976	A1	20040925	CA 2003-2433976	20030627
CN 1531910	A	20040929	CN 2003-127787	20030627
KR 2004086071	A	20041008	KR 2003-42633	20030627
JP 2004290649	A	20041021	JP 2003-185768	20030627
IN 2003KO00360	A	20050204	IN 2003-KO360	20030630
IN 2003KO00361	A	20050204	IN 2003-KO361	20030630
BR 2003004169	A	20050517	BR 2003-4169	20030630

PRIORITY APPLN. INFO.: US 2003-396224 A 20030325

AB The present invention is directed to methods of making **wound** dressings that include the steps of (i) providing a solution of a water-soluble or water-swellable biocompatible polymer dissolved in a solvent for the polymer, (ii) providing a fabric substrate having a first surface and a second surface opposing the first surface, the fabric having properties effective for use as a hemostat and containing fibers prepared from a biocompatible polymer, (iii) contacting the fabric substrate with the polymer solution under conditions effective to distribute the polymer solution substantially homogeneously on the first and second surfaces and through the fabric substrate, (iv) transferring the fabric substrate having the polymer solution substantially homogeneously distributed there through to a lyophilization unit under conditions effective to maintain the homogeneous distribution on and throughout the substrate, and (v) lyophilizing the fabric having the polymer solution distributed there through, thereby providing a porous, polymeric matrix substantially homogeneously distributed on the first and second surfaces and through the fabric, the matrix being made-up of the lyophilized water-soluble or water-swellable polymer. For example, 1 g of hydroxyethyl cellulose (HEC) was dissolved in 99 g of water, and 10 g of the HEC solution was transferred into a crystallization dish with a diameter of 10 cm. A piece of Surgicel Nu-Knit (absorbable hemostat, based on carboxylic-**oxidized** regenerated **cellulose** (CORC)), having a diameter of 9.8 cm (about 1.3 g) was placed on the HEC solution After soaking the fabric in the solution for 3 min, the wet fabric in the dish was then lyophilized overnight. A very flexible patch was formed. The patch achieved 100% hemostasis within 2 min in a porcine spleen incision model.

L6 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:510784 CAPLUS

DOCUMENT NUMBER: 141:59786

TITLE: Hemostatic **wound** dressing made of a polysaccharide fabric and a polymer matrix

INVENTOR(S): Zhang, Guanghui; Pendharkar, Sanyog Manohar; Guo, Jian Xin; Looney, Dwayne Lee; Gorman, Anne Jessica

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 19 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004120993	A1	20040624	US 2002-326244	20021220
US 2004005350	A1	20040108	US 2003-396226	20030325
US 7279177	B2	20071009		
AU 2003204996	A1	20040708	AU 2003-204996	20030626
CA 2433977	A1	20040620	CA 2003-2433977	20030627
EP 1430911	A2	20040623	EP 2003-254119	20030627
EP 1430911	A3	20041124		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
KR 2004055564	A	20040626	KR 2003-42809	20030627
CN 1509768	A	20040707	CN 2003-152694	20030627
JP 2004202202	A	20040722	JP 2003-185945	20030627
BR 2003004600	A	20040831	BR 2003-4600	20030627
US 2004106344	A1	20040603	US 2003-721836	20031125

PRIORITY APPLN. INFO.: US 2002-186021 A2 20020628
US 2002-304472 B2 20021126

	US 2002-304781	B2 20021126
	US 2002-305040	B2 20021126
	US 2002-326244	A2 20021220
	US 2003-396226	A2 20030325

AB The present invention is directed to hemostatic **wound** dressings containing a fabric made from biocompatible, aldehyde-modified polysaccharide fibers; and a porous, polymeric matrix made from a biocompatible, water-soluble or water-swellable polymer, dispersed at least partially through the fabric. The **wound** dressing further comprises a hemostatic agent, e.g., prothrombin, thrombin, fibrinogen, fibrin, fibronectin, heparinase, blood coagulation factors, tissue factor, batroxobin, ancrod, ecarin, etc. Methods of making such **wound** dressings and methods of providing hemostasis to a **wound** using the dressing are also described. For example, an aldehyde-modified regenerated cellulose fabric was soaked with a solution containing hydroxyethyl cellulose and thrombin and lyophilized to give a flexible patch. The patch achieved effective hemostasis in 73 s in a porcine splenic incision model with tamponade for 30 s.

L6 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:433682 CAPLUS
DOCUMENT NUMBER: 140:412396
TITLE: **Wound** dressing containing aldehyde-modified regenerated polysaccharide
INVENTOR(S): Pendharkar, Sanyog Manohar; Wissing, William K.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 7 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004101547	A1	20040527	US 2002-304781	20021126
US 2004005350	A1	20040108	US 2003-396226	20030325
US 7279177	B2	20071009		
CA 2433980	A1	20040526	CA 2003-2433980	20030627
EP 1424087	A1	20040602	EP 2003-254095	20030627
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1502376	A	20040609	CN 2003-152696	20030627
AU 2003205013	A1	20040610	AU 2003-205013	20030627
JP 2004174221	A	20040624	JP 2003-185585	20030627
KR 2004047536	A	20040605	KR 2003-42929	20030628
IN 2003KO00364	A	20050204	IN 2003-KO364	20030630
BR 2003006414	A	20050322	BR 2003-6414	20030630
US 2004106344	A1	20040603	US 2003-721836	20031125

PRIORITY APPLN. INFO.:	US 2002-186021	A2 20020628
	US 2002-304472	B2 20021126
	US 2002-304781	B2 20021126
	US 2002-305040	B2 20021126
	US 2002-326244	A2 20021220
	US 2003-396226	A2 20030325

AB The present invention is directed to **wound** dressings that include a substrate for contacting and/or covering a **wound**, where the substrate includes a **wound**-contacting surface, and which substrate contains or is fabricated at least in part from a biocompatible, aldehyde-modified, regenerated polysaccharide, preferably a biodegradable polysaccharide, and to methods of providing coverage and protection of a **wound**, which method

includes applying to a **wound** the **wound** dressing of the present invention. For example, a methylcellulose aqueous solution was combined with periodic acid and then stirred for 5 h at ambient temperature in the dark. Ethylene glycol was added to the reaction solution and acetone was added slowly into the reaction solution to precipitate the methylcellulose dialdehyde.

The reaction mixture was allowed to stand to sep. the liquid phase from the solid phase. The supernatant then was removed and the solid phase centrifuged to precipitate the solids. The solid precipitate was dissolved in distilled water overnight followed by dialysis. The final wet mixture was lyophilized to form a sponge/foam. The material then was evaluated for hemostasis.

L6 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:430454 CAPLUS
DOCUMENT NUMBER: 140:412391
TITLE: Hemostatic **wound** dressing containing aldehyde-modified polysaccharide
INVENTOR(S): Pendharkar, Sanyog Manohar
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 7 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004101548	A1	20040527	US 2002-305040	20021126
US 2004005350	A1	20040108	US 2003-396226	20030325
US 7279177	B2	20071009		
CA 2433994	A1	20040526	CA 2003-2433994	20030627
EP 1424085	A1	20040602	EP 2003-254080	20030627
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1502374	A	20040609	CN 2003-152687	20030627
AU 2003205016	A1	20040610	AU 2003-205016	20030627
JP 2004174222	A	20040624	JP 2003-185594	20030627
BR 2003004601	A	20040831	BR 2003-4601	20030627
KR 2004047537	A	20040605	KR 2003-42973	20030628
IN 2003KO00365	A	20051202	IN 2003-KO365	20030630
US 2004106344	A1	20040603	US 2003-721836	20031125
US 2006159733	A1	20060720	US 2006-360864	20060223
PRIORITY APPLN. INFO.:			US 2002-186021	A2 20020628
			US 2002-304472	B2 20021126
			US 2002-304781	B2 20021126
			US 2002-305040	B2 20021126
			US 2002-326244	A2 20021220
			US 2003-396226	A2 20030325

AB The present invention is directed to hemostatic **wound** dressings that include a substrate for contacting and/or covering a **wound**, where the substrate includes a **wound**-contacting surface, and which substrate contains or is fabricated at least in part from a biocompatible, aldehyde-modified polysaccharide, preferably biodegradable polysaccharides and to methods of providing hemostasis to a **wound**, which method includes applying to a **wound** requiring hemostasis the hemostatic **wound** dressing of the present invention. For example, a rayon fabric was oxidized using sodium periodate and evaluated for hemostasis.

L6 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:430453 CAPLUS
DOCUMENT NUMBER: 140:412390
TITLE: Hemostatic **wound** dressing containing aldehyde-modified polysaccharide and hemostatic agents
INVENTOR(S): Gorman, Anne Jessica; Pendharkar, Sanyog Manohar
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 10 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004101546	A1	20040527	US 2002-304472	20021126
US 2004005350	A1	20040108	US 2003-396226	20030325
US 7279177	B2	20071009		
CA 2433961	A1	20040526	CA 2003-2433961	20030627
EP 1424086	A1	20040602	EP 2003-254088	20030627
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1502375	A	20040609	CN 2003-152695	20030627
AU 2003205012	A1	20040617	AU 2003-205012	20030627
JP 2004174223	A	20040624	JP 2003-185902	20030627
KR 2004047538	A	20040605	KR 2003-42984	20030628
BR 2003004168	A	20040831	BR 2003-4168	20030630
US 2004106344	A1	20040603	US 2003-721836	20031125
US 2006159733	A1	20060720	US 2006-360864	20060223

PRIORITY APPLN. INFO.:
US 2002-186021 A2 20020628
US 2002-304472 B2 20021126
US 2002-304781 B2 20021126
US 2002-305040 B2 20021126
US 2002-326244 A2 20021220
US 2003-396226 A2 20030325

AB The present invention is directed to hemostatic **wound** dressings that contain a substrate for contacting a **wound**, wherein the substrate includes a **wound**-contacting surface and is fabricated at least in part from a biocompatible aldehyde-modified polysaccharide having covalently conjugated there with a hemostatic agent, and to methods of providing hemostasis to a **wound** that include applying the **wound** dressing described herein to a **wound**. For example, a rayon fabric was suspended in an aqueous isopropanol solution and treated with sodium periodate. The modified fabric was soaked in a solution of thrombin and the product was vacuum-frozen. to give a thrombin-conjugated aldehyde-modified rayon fabric, which was evaluated for hemostasis.

L6 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:290453 CAPLUS
DOCUMENT NUMBER: 140:309491
TITLE: **Wound** treatment device
INVENTOR(S): Addison, Deborah; Essler, Alicia Joanna; Cullen, Breda Mary; Silcock, Derek Walter
PATENT ASSIGNEE(S): Johnson & Johnson Medical Limited, UK
SOURCE: PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028423	A1	20040408	WO 2003-GB4118	20030925
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
GB 2393655	A	20040407	GB 2002-22527	20020927
GB 2393655	B	20050824		
AU 2003267624	A1	20040419	AU 2003-267624	20030925
EP 1542632	A1	20050622	EP 2003-748316	20030925
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2006111657	A1	20060525	US 2005-528742	20051006

PRIORITY APPLN. INFO.:	GB 2002-22527	A 20020927
	US 2003-486445P	P 20030714
	WO 2003-GB4118	W 20030925

AB A **wound** treatment device comprises a water-impermeable envelope having at least one aperture, wherein the envelope contains a therapeutic substance, and wherein the at least one aperture in the envelope is blocked by a material that breaks down in the presence of one or more active components of **wound** fluid thereby permitting the therapeutic substance to contact the **wound** fluid. Preferably, the aperture is blocked by a material that is a substrate for an enzyme present in **wound** fluid, such as a protease. A device was prepared having an aperture of a sheet occluded by a thin film of Type I collagen.

L6 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:	2004:282762 CAPLUS
DOCUMENT NUMBER:	140:309374
TITLE:	**Wound** treatment device comprising therapeutic agents and biodegradable polymers
INVENTOR(S):	Addison, Deborah; Essler, Alicia; Cullen, Breda Mary
PATENT ASSIGNEE(S):	Johnson & Johnson Medical Limited, UK
SOURCE:	Brit. UK Pat. Appl., 18 pp. CODEN: BAXXDU
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2393655	A	20040407	GB 2002-22527	20020927
GB 2393655	B	20050824		
WO 2004028423	A1	20040408	WO 2003-GB4118	20030925
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				

KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003267624	A1	20040419	AU 2003-267624		20030925
EP 1542632	A1	20050622	EP 2003-748316		20030925
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
US 2006111657	A1	20060525	US 2005-528742		20051006
PRIORITY APPLN. INFO.:			GB 2002-22527	A	20020927
			US 2003-486445P	P	20030714
			WO 2003-GB4118	W	20030925

AB A **wound** treatment device comprises a water-impermeable envelope having at least one aperture, wherein the envelope contains a therapeutic substance, and wherein the at least one aperture in the envelope is blocked by a material that breaks down in the presence of one or more components of **wound** fluid thereby permitting the therapeutic substance to contact the **wound** fluid. Preferably, the aperture is blocked by a material that is a substrate for an enzyme present in **wound** fluid, such as a protease. The degradable material may comprise elastin, fibronectin, collagen, crosslinked gelatin, fibrinogen, casein, hyaluronates, plasminogen fibrin, chitin, chitosan, **oxidized cellulose** or polylactide/polyglycolide copolymers.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:240130 CAPLUS
DOCUMENT NUMBER: 140:276154
TITLE: **Wound** dressing compositions comprising chitosan and **oxidized** regenerated **cellulose** and use for chronic **wound** treatment
INVENTOR(S): Cullen, Breda Mary; Silcock, Derek Walter
PATENT ASSIGNEE(S): Johnson & Johnson Medical Limited, UK
SOURCE: Brit. UK Pat. Appl., 28 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2393120	A	20040324	GB 2002-21688	20020918
CA 2499498	A1	20040401	CA 2003-2499498	20030917
WO 2004026200	A2	20040401	WO 2003-GB4019	20030917
WO 2004026200	A3	20040902		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003264890	A1	20040408	AU 2003-264890	20030917
EP 1539258	A2	20050615	EP 2003-797383	20030917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

JP 2006514843	T	20060518	JP 2004-537288		20030917
US 2006172000	A1	20060803	US 2005-528262		20051118
PRIORITY APPLN. INFO.:			GB 2002-21688	A	20020918
			WO 2003-GB4019	W	20030917

AB The present invention relates to a **wound** dressing composition comprising a chitosan and an **oxidized** regenerated **cellulose** and its use for **wound** treatment. For example, the composition may be in the form of a sponge formed by freeze drying an aqueous dispersion of chitosan and **oxidized** regenerated **cellulose** (ORC). The composition is especially suitable for the treatment of chronic **wounds**. A method of separating cell growth factors from a biol. sample or organism using the composition is also outlined.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:3477 CAPLUS
DOCUMENT NUMBER: 140:65281
TITLE: Hemostatic **wound** dressing comprising biocompatible polymeric fibers
INVENTOR(S): Guo, Jian Xin; Looney, Dwayne Lee; Zhang, Guanghui; Gorman, Anne Jessica
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004001879	A1	20040101	US 2002-186021	20020628
US 7252837	B2	20070807		
US 2004005350	A1	20040108	US 2003-396226	20030325
US 7279177	B2	20071009		
AU 2003204986	A1	20040122	AU 2003-204986	20030626
CA 2433968	A1	20031228	CA 2003-2433968	20030627
EP 1378255	A2	20040107	EP 2003-254114	20030627
EP 1378255	A3	20040128		
EP 1378255	B1	20070103		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1533751	A	20041006	CN 2003-127481	20030627
AT 350075	T	20070115	AT 2003-254114	20030627
ES 2279064	T3	20070816	ES 2003-3254114	20030627
KR 2004002799	A	20040107	KR 2003-42954	20030628
JP 2004160182	A	20040610	JP 2003-187344	20030630
IN 2003KO00359	A	20050204	IN 2003-KO359	20030630
US 2004106344	A1	20040603	US 2003-721836	20031125
PRIORITY APPLN. INFO.:			US 2002-186021	A2 20020628
			US 2002-304472	B2 20021126
			US 2002-304781	B2 20021126
			US 2002-305040	B2 20021126
			US 2002-326244	A2 20021220
			US 2003-396226	A2 20030325

AB The present invention is directed to **wound** dressings that contain a fabric made from biocompatible polymeric fibers and having flexibility, strength and porosity effective for use as a hemostat, and a porous, polymeric matrix prepared from a biocompatible, water-soluble or water-swellable polymer dispersed through the fabric; and to methods of making such **wound** dressings. For example, 1 g of hydroxyethyl cellulose

(HEC) was dissolved in 99 g of water, and 10 g of the HEC solution was transferred into a crystallization dish. A piece of Surgicel Nu-Knit absorbable hemostat, based on **oxidized** regenerated **cellulose** (ORC), having a diameter of 9.8 cm (about 1.3 g) was placed on the HEC solution in the crystallization dish. After soaking the fabric in the solution for 3 min, the wet fabric was lyophilized to give a very flexible patch.

REFERENCE COUNT: 93 THERE ARE 93 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:633053 CAPLUS
DOCUMENT NUMBER: 139:169383
TITLE: Novel **wound** healing composition not containing bovine-derived activating reagents
INVENTOR(S): Britton, Calvin; Dellinger, Alex; Limbird, Jim; Keller, Carl; Worden, Charles
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 7 pp., Cont.-in-part of U.S. Ser. No. 898,316, abandoned.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003152639	A1	20030814	US 2002-323861	20021217
US 2003007957	A1	20030109	US 2001-898316	20010703
PRIORITY APPLN. INFO.:			US 2001-898316 B2	20010703

AB A **wound** care preparation free from bovine-derived activating agents is disclosed for use in **wound** care, for both topical **wounds** and surgical **wounds**. The preparation is isolated by first obtaining an amount of whole blood from the patient and treating the whole blood with one or more anti-clotting agents, subjecting the whole blood to a centrifugation process to obtain an amount of platelet-rich plasma, adding to the platelet-rich plasma an amount of anti-clotting neutralizing agent, and mixing the platelet-rich plasma with a structural matrix to increase viscosity of the preparation In use, the viscous preparation can be applied directly to a **wound** or surgery incision and the viscous preparation may be mixed with other **wound** healing agents, growth matrixes, or promoters such as antifungal agents, antibiotics, and preservatives. For example, platelet-rich plasma (PRP) was obtained and combined with one part powdered vitamin C and 3 parts chitosan. After several minutes a golden colored gel was formed. The gel can be applied to the **wound** bed and remainder stored and refrigerated for at least 5-7 days (the viable life span of a platelet) and subsequently used. Gel viscosity can be controlled by (i) adding more PRP to make the gel less viscous, (ii) adding less vitamin C to decrease the acidity therefore decrease viscosity, or (iii) adding more vitamin C to increase acidity and therefore increase viscosity.

L6 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:160551 CAPLUS
DOCUMENT NUMBER: 138:210380
TITLE: Sprayable fine particles of hemostatic and adhesion-preventing biopolymers and fine particles of biogenic components used together with the biopolymers
INVENTOR(S): Suzuki, Shigeki
PATENT ASSIGNEE(S): Nekusuto K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003062057	A	20030304	JP 2001-259212	20010829
JP 3805654	B2	20060802		

PRIORITY APPLN. INFO.: JP 2001-259212 20010829

AB The biopolymer fine particles can be fluidized with gas, contain roughly 80% particles at ≤100 μm range in particle size distribution, and show average particle size ≤50 μm. The fine particles may be sprayed as a mixture with fine particles of biogenic components such as amino acids, peptides, etc., or sep. over bleeding parts in surgery or **wound** form matrixes in situ. Com. CM-cellulose powder was milled and classified to give 3-100 μm-diameter fine particles in which content of 10-30 μm-diameter particles was roughly 80%. The fine particles (4.5 g) were packed together with 0.5 g 99% EtOH and 45 g LPG in a spray can to give a powder aerosol. The spray was applied to abrasion to show good hemostatic effect.

L6 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:401694 CAPLUS
DOCUMENT NUMBER: 133:34483
TITLE: Sterile complex of therapeutic peptide bonded to a polysaccharide
INVENTOR(S): Cullen, Breda; Silcock, Derek; Van Leeuwen, Peter; Harvey, Wilson
PATENT ASSIGNEE(S): Johnson & Johnson Medical Limited, UK
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000033893	A1	20000615	WO 1999-GB4094	19991206
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
GB 2344519	A	20000614	GB 1998-26897	19981207
GB 2344519	B	20040519		
CA 2319327	A1	20000615	CA 1999-2319327	19991206
BR 9907679	A	20001024	BR 1999-7679	19991206
EP 1053029	A1	20001122	EP 1999-958396	19991206
EP 1053029	B1	20030910		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
SI 20306	A	20010228	SI 1999-20021	19991206
JP 2002531532	T	20020924	JP 2000-586383	19991206

AT 249249	T	20030915	AT 1999-958396		19991206
AU 771733	B2	20040401	AU 2000-15770		19991206
IN 2000KN00137	A	20050311	IN 2000-KN137		20000714
HK 1032362	A1	20040130	HK 2001-102883		20010423
PRIORITY APPLN. INFO.:			GB 1998-26897	A	19981207
			WO 1999-GB4094	W	19991206

AB The invention provides sterile compns. comprising a complex of a therapeutic peptide and a polysaccharide selected from the group consisting of cellulose derivs., chitin, chitosans, galactomannans, and mixts. thereof, wherein the complex has been sterilized with ionizing radiation. The presence of the polysaccharides surprisingly stabilizes therapeutic peptides against decomposition under ionizing conditions, especially under gamma-irradiation Processes for the preparation of the sterile compns. and processes for the preparation of sterile therapeutic peptides are also claimed. For example, a sterile pharmaceutical gel for topical administration to promote **wound** healing was formulated containing CM-cellulose 2.4, hydroxyethyl cellulose 0.3, NaCl 0.24, propylene glycol 20.2, collagen/**oxidized** regenerated **cellulose**/platelet-derived growth factor (1 weight%) 2.0, and water up to 100%, resp.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:758878 CAPLUS
DOCUMENT NUMBER: 123:152991
TITLE: Biodegradable periodontal implant precursor
INVENTOR(S): Polson, Alan M.; Swanbom, Deryl D.; Dunn, Richard L.; Cox, Charles P.; Norton, Richard L.; Lowe, Bryan K.; Peterson, Kenneth S.
PATENT ASSIGNEE(S): Atrix Laboratories, Inc., USA
SOURCE: Can. Pat. Appl., 56 pp.
CODEN: CPXXEB
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2117394	A1	19950329	CA 1994-2117394	19940707
AU 9466142	A	19950413	AU 1994-66142	19940705
JP 07163654	A	19950627	JP 1994-196132	19940728
JP 3451259	B2	20030929		
JP 2003093498	A	20030402	JP 2002-269863	19940728
EP 649662	A1	19950426	EP 1994-113193	19940824
EP 649662	B1	20020206		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
EP 1147781	A1	20011024	EP 2001-117430	19940824
EP 1147781	B1	20040609		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI				
AT 212866	T	20020215	AT 1994-113193	19940824
PT 649662	T	20020731	PT 1994-113193	19940824
ES 2173102	T3	20021016	ES 1994-113193	19940824
AT 268611	T	20040615	AT 2001-117430	19940824
ES 2225364	T3	20050316	ES 2001-117430	19940824
PRIORITY APPLN. INFO.:			US 1993-127642	A 19930928
			JP 1994-196132	A3 19940728
			EP 1994-113193	A3 19940824

AB A biodegradable implant precursor has a 2-part structure made of an outer sac and a liquid content. The implant precursor is composed of a biodegradable, water-coagulable thermoplastic polymer and a water-miscible organic solvent. When administered to an implant site in an animal, the implant precursor will solidify in situ to a solid, microporous matrix by dissipation of the organic solvent to surrounding tissue fluids and coagulation of the polymer. Methods of making the implant precursor, an apparatus for forming the precursor, and a kit containing the apparatus are described.

Also provided are methods of using the implant precursor for treating a tissue defect in an animal, e.g. for enhancing cell growth and tissue regeneration, **wound** and organ repair, nerve regeneration, and soft and hard tissue regeneration, for delivery of biol. active substances to tissue or organs, etc. Thus, a mixture of poly(DL-lactide) (mol. weight 65,000) 37 and N-methyl-2-pyrrolidone 63% was sterilized with γ-radiation, confined between 2 saline-saturated porous polyethylene substrates for 6 min, and removed. The resulting implant precursor comprised an opaque, semirigid, flexible, 2-part structure with a gelatinous, semirigid outer layer and a more liquid core.